

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/01178

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01Q 1/24, H01Q 1/38, H01Q 5/00
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01Q, H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPO-INTERNAL, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2345208 A (NOKIA MOBILE PHONES LIMITED), 28 June 2000 (28.06.00), page 1, line 19 - page 2, line 28, figures 1-9 --	1-7
X	WO 0191228 A1 (AVANTEGO AB), 29 November 2001 (29.11.01), page 3, line 16 - line 26; page 5, line 23 - line 29 --	1-2
A	PATENT ABSTRACTS OF JAPAN Vol. 2000, No. 03, 30 March 2000 (2000-03-13) abstract & JP 11 355034 A (NEC CORP) 24 December 1999 (1999-12-24) figures 1-6 --	1-14

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search	Date of mailing of the international search report
16 Sept 2003	18 -09- 2003
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Marianne Dickman /OGU Telephone No. +46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0124310 A1 (ALLGON AB), 5 April 2001 (05.04.01), page 6, line 10 - page 7, line 7 --	1-14
A	WO 0201670 A1 (ALLGON AB), 3 January 2002 (03.01.02), page 3, line 18 - line 26; page 6, line 11 - page 7, line 18 --	1-14
A	US 6011517 A (SKURSKI, J.K.), 4 January 2000 (04.01.00), column 6, line 45 - column 7, line 2 --	1-14
P,A	PATENT ABSTRACTS OF JAPAN Vol. 2003, No. 04, 02 April 2003 (2003-04-02) abstract & JP 2002 368535 A (SONY CORP) 20 December 2002 (2002-12-20) figures 2, 5-6 -- -----	1-14

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International application No.
PCT/SE 03/01178

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
GB 2345208 A	28/06/00	DE 29922053 U		17/02/00
		GB 9828537 D		00/00/00
WO 0191228 A1	29/11/01	AU 6092301 A		03/12/01
		EP 1227858 A		07/08/02
		SE 0001903 A		20/11/01
WO 0124310 A1	05/04/01	AU 7694700 A		30/04/01
		SE 513934 C		27/11/00
		SE 9903483 A		27/11/00
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		AU 6648301 A		08/01/02
		BR 0016798 A		24/09/02
		CA 2395511 A		12/07/01
		EP 1252099 A		30/10/02
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US 6011517 A	04/01/00	NONE		